

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	forward same backward same (cancel\$8) same \$4speak\$4 same "90"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/22 09:22
L2	0	dipole same (cancel\$8) same \$4speak\$4 same "90"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/22 09:22
L5	143	(381/89).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/22 10:02
L6	48	(381/89).ccls. and cancel\$8	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/02/22 10:55
L7	1	("20020101360").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/22 11:26
L8	1	("5887068").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/22 11:26
L9	17	("3016424" "3814857" "4862508" "4884655" "4940108" "4942939" "4998283" "5000286" "5033577" "5170436" "5187333" "5216210" "5222145" "5274709" "5321756" "5374124").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/22 11:26
L10	71	(381/89,86,80,82,302,342,387, 389).ccls. and control\$4 with phase	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/22 12:10
L11	29	(381/89,86,80,82,302,342,387, 389).ccls. and control\$4 near2 phase	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/22 12:35
L12	1	("3781475").PN.	USPAT	OR	OFF	2005/02/22 12:35
S1	21	(dipole) same (acoustic near radiation)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/27 14:40
S2	709	(dipole) same ("90")	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/27 14:40
S3	95	(dipole) same ("90") same radiation	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/27 14:42
S4	41	(dipole) same ("90") and radiation and speak\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/27 14:42
S5	3	(381/89,86,80,82,302,342,387, 389)".ccls.and"(radiation same "90")	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/27 14:54

S6	2	(("5870484") or ("4460061")).PN.	USPAT; USOCR	OR	OFF	2004/06/27 14:54
S7	164	(700/94).CCLS.	USPAT; USOCR	OR	OFF	2004/05/12 16:02
S8	164	(700/94).CCLS.	USPAT; USOCR	OR	OFF	2004/06/23 10:56
S9	0	("(concavenear2reflect\$2)near7so undnear2source").PN	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/05/12 16:03
S10	1	(concave near2 reflect\$2) near7 sound near2 source	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/05/12 16:03
S11	23	(concave near2 reflect\$2) and (sound near2 source)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/05/12 16:04
S12	4	(concave near2 reflect\$2) same (sound near2 source)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/05/12 16:06
S13	21	dipole near2 sound near2 source	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:31
S14	15	(vehicle near2 sound near2 amplifi\$9)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 10:00
S15	1	(dipole near2 sound near2 source) same passenge\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 10:02
S16	1	(dipole near2 sound near2 source) and passenge\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 10:02
S17	8	(dipole near2 sound near2 source) same driver	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 10:03
S18	1	(dipole near2 sound near2 source) same (signal near2 process\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 10:04
S19	10	(dipole near2 sound near2 source) and (signal near2 process\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 10:09
S20	1	matsushita.AS. and dipole near2 source and vehicle	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:44
S21	0	matsushita.AS. and dipole near2 source and car	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 10:10

S22	0	kakuhari.in. and dipole near2 source and car	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:49
S23	0	kakuhari.in. and dipole near2 source	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 10:10
S24	1	terai.in. and dipole near2 source	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 10:10
S25	1	kakubari.in. and dipole near2 source	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 10:10
S26	499	(700/94).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/23 10:11
S27	0	(700/94).ccls. and dipole near2 source same passenger	USPAT	OR	OFF	2004/06/23 10:11
S28	0	(700/94).ccls. and dipole near2 source	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 10:11
S29	0	("(dipolenear2sound)same(non-direction\$2)").PN.	USPAT; USOCR	OR	OFF	2004/06/23 10:56
S30	0	(dipole near2 sound) same (non-direction\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 10:56
S31	0	(dipole near2 sound) same (non near2 direction\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 10:57
S32	1	(dipole near2 sound) and (non near2 direction\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 11:02
S33	5	("3104729" "3627948" "3754618" "4596034" "5764777").PN.	USPAT	OR	OFF	2004/06/23 10:59
S34	1	"5870484".URPN.	USPAT	OR	OFF	2004/06/23 11:00
S35	6	("5073945" "5212732" "5233664" "5828763" "5870484" "6031921").PN.	USPAT	OR	OFF	2004/06/23 11:01
S36	378	(381/300).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/23 11:03
S37	7	(381/300).ccls. and dipole	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 11:04

S38	5	("381"/\$).ccls. and dipole same vehicle	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 11:06
S39	2	("381"/\$).ccls. and dipole and vehicle and (non near2 directional)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 11:16
S40	2	("381"/\$).ccls. and dipole same (non near2 directional)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 11:31
S41	3	("381"/\$).ccls. and (dipole near2 speak\$3) same bass	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 11:34
S42	2	"5212732".URPN.	USPAT	OR	OFF	2004/06/23 11:34
S43	1	("381"/\$).ccls. and (dipole near2 speak\$3) same subwoofer	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 11:35
S44	4	("381"/\$).ccls. and (dipole near2 speak\$3) and subwoofer	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 11:54
S45	808	(381/89,86).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/24 13:07
S46	1	"5546465".PN.	USPAT	OR	OFF	2004/06/23 12:01
S47	237	(381/387,389).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/23 12:06
S48	152	(381/302,342).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/23 12:06
S49	213	(381/80,82).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/23 12:06
S50	0	(381/89,86,80,82,302,342,387, 389).ccls. and dipole same (non adj directional)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/22 12:07
S51	0	(381/89,86,80,82,302,342,387, 389).ccls. and dipole same (non-directional)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 12:08
S52	1	(381/89,86,80,82,302,342,387, 389).ccls. and dipole and (non-directional)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 12:08
S53	1	(381/89,86,80,82,302,342,387, 389).ccls. and dipole and (non near2 directional)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 12:08

S54	16	(381/89,86,80,82,302,342,387, 389).ccls. and dipole	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 12:08
S55	4	(381/89,86,80,82,302,342,387, 389).ccls. and dipole same (omnidirectional)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 12:12
S56	5	(381/89,86,80,82,302,342,387, 389).ccls. and dipole and (omnidirectional)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:11
S57	0	(381/89,86,80,82,302,342,387, 389).ccls. and DSP near2 control\$4 near2 phase	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 17:29
S58	0	(381/89,86,80,82,302,342,387, 389).ccls. and (signal near2 process\$4) near2 control\$4 near2 phase	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 17:30
S59	5	(381/89,86,80,82,302,342,387, 389).ccls. and (signal near2 process\$4) near2 phase	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 17:30
S60	0	(381/89,86,80,82,302,342,387, 389).ccls. and (DSP) near2 phase	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 15:19
S61	0	(DSP) near2 phase near3 speak\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 17:31
S62	1	(DSP) near3 phase near3 speak\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 17:32
S63	7	(DSP) same phase near3 speak\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 17:35
S64	0	(DSP) and (hase near3 speak\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 17:35
S65	105	(DSP) and (phase near3 speak\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 17:39
S66	11	(DSP) and (radiation near2 detect\$4) and error and adder and calculat\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 11:42
S67	1	(DSP)same (radiation near2 detect\$4) and speak\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 17:40
S68	1	(DSP) same (radiation near2 detect\$4) and speak\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 17:41
S69	0	(DSP) same (radiation near2 sound near2 detect\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 17:41

S70	34	(radiation near2 sound near2 detect\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/23 17:41
S71	19	(381/89,86,80,82,302,342,387, 389).ccls. and (invert\$2 near2 phase)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/25 16:43
S72	4	("4790408" "5109423" "6038326" "6118883").PN.	USPAT	OR	OFF	2004/06/24 09:16
S73	45	("381"/\$).ccls. and dipole and (omnidirectional)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 09:17
S74	0	("(signalnear2process\$3)same(mic rophone)sameerror").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/24 09:46
S75	369	(signal near2 process\$3) same (microphone) same error	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 11:39
S76	51	(signal near2 process\$3) same (microphone) same error same add\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 10:09
S77	34	(signal near2 process\$3) same (microphone) same error same add\$2 and speak\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 09:56
S78	9	"5377276".URPN.	USPAT	OR	OFF	2004/06/24 09:55
S79	1	"5117401".PN.	USPAT	OR	OFF	2004/06/24 09:56
S80	0	(dipole) same (control near2 speak\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 09:57
S81	1513	(dipole) same (control)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 09:57
S82	17	(dipole) same (control) same speak\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 15:12
S83	34	(signal near2 process\$3) same (microphone) same error same coefficient	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 10:18
S84	106	(381/71.4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/25 16:03
S85	791	(381/182,186).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/24 11:01
S86	19	"3393764".URPN.	USPAT	OR	OFF	2004/06/24 11:15
S87	8	"3590942".URPN.	USPAT	OR	OFF	2004/06/24 11:17

S88	19	"4472605".URPN.	USPAT	OR	OFF	2004/06/24 11:21
S89	6	("2297972" "2550359" "2832843" "2969848" "3477540" "3842203").PN.	USPAT	OR	OFF	2004/06/24 11:25
S90	1	(signal near2 process\$3) same (steer\$3 near3 speak\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 11:39
S91	104	steer\$3 near3 speak\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 11:42
S92	29	(DSP) same (microphone) same error same phase	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 11:46
S93	17	(DSP) same (direction\$2 near2 characteris\$5)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 11:47
S94	182	(DSP)and (direction\$2 near2 characteris\$5)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 11:47
S95	182	(DSP) and (direction\$2 near2 characteris\$5)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 11:47
S96	180	(signal near2 process\$3) same (direction\$2 near2 characteris\$5)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 12:45
S97	0	(on adj2 vehicle) near2 amplif\$9	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 12:45
S98	16	(on-vehicle) near2 amplif\$9	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 12:45
S99	235	matsushita AS. and dipole	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 12:47
S100	15	matsushita AS. and dipole and sound	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/24 12:55
S101	20	"5073945".URPN.	USPAT	OR	OFF	2004/06/24 12:47
S102	1	("5870484").PN.	USPAT; USOCR	OR	OFF	2004/06/24 12:55
S103	5	("3104729" "3627948" "3754618" "4596034" "5764777").PN.	USPAT	OR	OFF	2004/06/24 12:55
S104	1	"5870484".URPN.	USPAT	OR	OFF	2004/06/24 12:57

S10 5	6	("5073945" "5212732" "5233664" "5828763" "5870484" "6031921").PN.	USPAT	OR	OFF	2004/06/24 12:58
S10 6	19	"5233664".URPN.	USPAT	OR	OFF	2004/06/24 12:59
S10 7	10	("4497023" "4597100" "4622689" "4685134" "4736333" "4933768" "5095798" "5233664" "5386082" "5459790").PN.	USPAT	OR	OFF	2004/06/24 14:10
S10 8	0	"5793876".URPN.	USPAT	OR	OFF	2004/06/24 13:05
S10 9	1	"5812675".URPN.	USPAT	OR	OFF	2004/06/24 13:05
S11 0	28	("4236039" "4497023" "4685134" "4736333" "4818938" "4893256" "4905094" "4933768" "5007707" "5052685" "5065345" "5095798" "5109482" "5111409" "5119474" "5119479" "5233664" "5265165" "5303218" "5313524" "5386082" "5430805" "5440638" "5467401" "5500900" "5517570" "5590207" "5596647").PN.	USPAT	OR	OFF	2004/06/24 13:05
S11 1	138	(381/89).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/24 13:07
S11 2	16	("1568589" "2790164" "4845759" "4926487" "4930596" "5097923" "5140641" "5432857" "5452025" "5524062" "5604337" "5606297" "5675131" "5710394" "5815589" "5825900").PN.	USPAT	OR	OFF	2004/06/24 13:17
S11 3	19	"5233664".URPN.	USPAT	OR	OFF	2004/06/24 14:03
S11 4	228	(381/335,336).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/25 15:37
S11 5	15	"3637938".URPN.	USPAT	OR	OFF	2004/06/24 14:15
S11 6	7	"4418243".URPN.	USPAT	OR	OFF	2004/06/24 14:17

S11 7	11	"5105906".URPN.	USPAT	OR	OFF	2004/06/24 14:19
S11 8	11	"4100371".URPN.	USPAT	OR	OFF	2004/06/25 10:27
S11 9	1	("5233664").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/25 09:57
S12 0	126	(381/97).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/25 10:12
S12 1	6	"5187333".URPN.	USPAT	OR	OFF	2004/06/25 10:20
S12 2	4	("3944757" "4100371" "4790408" "4930596").PN.	USPAT	OR	OFF	2004/06/25 10:20
S12 3	0	dipole near2 US-4251687-A.DID.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/25 10:28
S12 4	3	dipole near2 ninety	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/25 10:28
S12 5	0	dipole same speak\$2 same ninety	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/25 10:28
S12 6	0	dipole same speak\$2 same US-4251687-A.DID.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/25 10:28
S12 7	0	dipole same speak\$2 same US-4251687-A.DID.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/25 10:29
S12 8	4	dipole same speak\$2 same "90"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/25 16:28
S12 9	1	("5377276").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/25 15:37
S13 0	9	"5377276".URPN.	USPAT	OR	OFF	2004/06/25 15:37
S13 1	9	"5377276".URPN.	USPAT	OR	OFF	2004/06/25 15:55
S13 2	7	("5278780" "5337366" "5377276" "5388160" "5586189" "5586190" "5710822").PN.	USPAT	OR	OFF	2004/06/25 15:57

S13 3	168	(381/71.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/06/25 16:03
S13 4	11	"4790408".URPN.	USPAT	OR	OFF	2004/06/25 16:17
S13 5	11	"4790408".URPN.	USPAT	OR	OFF	2004/06/25 16:18
S13 6	86	dipole and (phase near2 differen\$3 near3 "90")	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/25 16:29
S13 7	21	dipole same (phase near2 differen\$3 near3 "90")	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/25 16:29
S13 8	265	(381/89,86,80,82,302,342,387, 389)".ccls.and" ("90")	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 14:57
S13 9	17	(381/89,86,80,82,302,342,387, 389)".ccls.and" (phase same "90")	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/27 14:47
S14 0	15	dipole and (point near2 sound near2 source)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/25 17:00
S14 1	0	dipole and (point near2 sound near2 source) and "1/2"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/25 17:00
S14 2	24	(point near2 sound near2 source) and "1/2"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/25 17:40
S14 3	1	"4460061".URPN.	USPAT	OR	OFF	2004/06/25 17:01
S14 4	383	(phase near2 differen\$4) near8 "90" and (radiation)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/25 17:42
S14 5	32	(phase near2 differen\$4) near8 "90" and (radiation) and sound	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/25 17:44
S14 6	0	(acoustic near2 radiation near2 plane) near8 "90"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/25 17:44
S14 7	0	(acoustic) same (radiation near2 plane) near8 "90"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/25 17:45
S14 8	46	(acoustic) same (radiation near2 plane)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/25 17:45

S14 9	8	(acoustic) same (radiation near2 plane) same phase	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/27 14:35
S15 0	13	"4836328".URPN.	USPAT	OR	OFF	2004/06/25 17:46
S15 1	30	(acoustic) same (radiation near2 plane) and phase	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/06/25 17:48
S15 2	5	("3608665" "3715008" "3759345" "5253301" "5526456").PN.	USPAT	OR	OFF	2004/06/25 17:51
S15 3	3	(("4460061") or ("5870484") or ("3781475")).PN.	USPAT	OR	OFF	2005/02/10 14:03
S15 4	0	dipole with sound with outside with vehicle	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:11
S15 5	0	dipole with sound same outside with vehicle	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:12
S15 6	11	on-vehicle with sound with outside	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:24
S15 7	18	on-vehicle same sound same outside	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:27
S15 8	1	vehicle with outdoor with sound with system	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:28
S15 9	3	vehicle same outdoor with sound with system	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:29
S16 0	1	vehicle same outdoor with sound with (device or amplif\$9)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:30
S16 1	2	vehicle same outdoor with sound with (device or amplif\$9 or \$4speak\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:30
S16 2	0	dipole near2 sound near2 source same (outside)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:31
S16 3	0	dipole near2 sound near2 source and (outside or on) same vehicle	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 15:19
S16 4	1	dipole near2 sound near2 source same vehicle	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:32

S16 5	1	dipole near2 sound near2 source same vehicle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/10 14:32
S16 6	3	matsushita.AS. and dipole near2 source	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:35
S16 7	247	matsushita.AS. and dipole	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:43
S16 8	10	matsushita.AS. and dipole same sound	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:37
S16 9	10	dipole same sound same vehicle	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:38
S17 0	11	sound with amplif\$9 with outside same vehicle	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:40
S17 1	0	sound with amplif\$9 with on same vehicle	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:40
S17 2	0	sound with amplif\$9 with on	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:40
S17 3	9	matsushita.AS. and dipole same (outside or on)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:46
S17 4	339	dipole same (\$4speak\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:47
S17 5	12	dipole same (\$4speak\$3) same (vehicle or car or automobile)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:48
S17 6	0	kakuhari.in. and dipole	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/10 14:49
S17 7	2	kakubari.in. and dipole	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/10 14:49
S17 8	2	terai.in. and dipole	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/10 14:49

S17 9	19	dipole with sound with source and (outside or on)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 14:52
S18 0	49	dipole with sound with source	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 15:09
S18 1	0	dipole with sound same exterior same vehicle	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 12:51
S18 2	0	dipole same sound same exterior same vehicle	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 12:10
S18 3	17	dipole same sound same (outside or exterior or on)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 15:10
S18 4	32	(dipole) same amplif\$9 same (vehicle or car or automobile)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 15:13
S18 5	107	dipole near3 amplif\$9	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 15:19
S18 6	17	(381/89,86,80,82,302,342,387, 389).ccls. and (dipole)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 13:16
S18 7	731	(381/77-79,82).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 16:20
S18 8	781	mcChesney	US-PGPUB; USPAT	OR	OFF	2005/02/10 16:15
S18 9	55	mcChesney with elizabeth	US-PGPUB; USPAT	OR	OFF	2005/02/10 16:15
S19 0	4	("4974759" "5094316" "5608806" "5979590").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/10 16:16
S19 1	4	(381/77-79,82).ccls. and dipole	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/10 16:21
S19 2	152	(381/77-79,82).ccls. and (vehicle or car or automobile or bus or train)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/11 08:47
S19 3	30	(381/82).ccls. and (vehicle or car or automobile or bus or train)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/11 08:48
S19 4	133	(public adj2 address) same (vehicle or car or automobile)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/11 08:48

S19 5	140	(public adj2 address\$3) same (vehicle or car or automobile)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/11 08:53
S19 6	2	("3271735") or ("3579184")).PN.	USPAT	OR	OFF	2005/02/11 09:12
S19 7	1	("5870484").PN.	USPAT	OR	OFF	2005/02/11 09:35
S19 8	1	("3781475").PN.	USPAT	OR	OFF	2005/02/21 15:58
S19 9	22	dipole same sound same wall	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 12:43
S20 0	4	("3781475").URPN.	USPAT	OR	OFF	2005/02/21 12:47
S20 1	4	dipole with asymmetrical with pattern	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 12:52
S20 2	11	dipole same asymmetrical with pattern	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 12:52
S20 3	0	dipole same sound same asymmetrical with pattern	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 12:52
S20 4	5	dipole same sound same asymmetrical	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 12:55
S20 5	234	dipole same asymmetrical	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 12:56
S20 6	2	dipole same asymmetrical same pattern same phase	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 12:56
S20 7	28	dipole same asymmetrical same pattern	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 13:00
S20 8	1133	dipole same radiation same pattern	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 13:00
S20 9	14	dipole same radiation same pattern same speaker	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 13:00
S21 0	0	("381"/\$).ccls. and (dipole) same null near3 zero	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 13:17
S21 1	24	("381"/\$).ccls. and (dipole) same null	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 13:17

S21 2	6	(381/89,86,80,82,302,342,387, 389).ccls. and dipole same (cancel\$8)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 15:12
S21 3	57	("381"/\$).ccls. and dipole same (cancel\$8)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 15:12
S21 4	30	("381"/\$).ccls. and dipole same (cancel\$8) same \$4peak\$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 15:24
S21 5	9	("381"/\$).ccls. and forward same backward same (cancel\$8) same \$4peak\$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/22 09:29
S21 6	21	("5073945").URPN.	USPAT	OR	OFF	2005/02/21 15:35
S21 7	6	("4875546" "5073945" "5537479" "5561717" "5790679" "6160897").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/21 15:37
S21 8	4	("5561717").URPN.	USPAT	OR	OFF	2005/02/21 15:40
S21 9	4	("5815589").URPN.	USPAT	OR	OFF	2005/02/21 15:44
S22 0	4	("3781475").URPN.	USPAT	OR	OFF	2005/02/21 15:56
S22 1	153	(381/387).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 15:59
S22 2	121	(84/705).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/02/21 15:59
S22 3	4	("2203715").URPN.	USPAT	OR	OFF	2005/02/21 16:06

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.